

WHAT IS CLAIMED IS:

1. A touch panel comprising:

a cellulose film provide with a hard coat layer having
a pencil hardness of 2H or more;

5 a polarizing film;

a retardation plate;

a first transparent conductive film;

a second transparent conductive film; and

a substrate, in this order,

10 wherein

the first and second transparent conductive films

are provided so as to face to each other, and

the cellulose film, the hard coat layer, the polarizing

film, the retardation plate and the first transparent

15 conductive film define a movable substrate.

2. The touch panel according to claim 1, wherein the
retardation plate is a $\lambda/4$ retardation plate.

20 3. The touch panel according to claim 1, wherein the
cellulose film has a retardation value of 20 nm or less and an
absorption axis of the polarizing film is placed so as to make
an angle of 20° or higher but lower than 70° to a slow axis of
the cellulose film and the retardation plate.

4. The touch panel according to claim 2, wherein the $\lambda/4$ retardation plate comprises at least two optically anisotropic layers and at least one of the optically anisotropic layers comprises a liquid crystal compound.

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5. The touch panel according to claim 1, wherein the movable substrate has a thickness of from 80 to 300 μm .

6. The touch panel according to claim 1, which further
10 comprises an antireflective layer comprising two or more layers having different refractive indexes provided on the hard coat layer, wherein the hard coat layer and the antireflective layer are layers comprising a hardened product of a hardening resin which hardens upon irradiation with an active energy beam.

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7. The touch panel according to claim 1, the hard coat layer and the antireflective layer are layers comprising a hardened product of a hardening resin which hardens upon irradiation with an active energy beam and metal oxide
20 particles.

8. The touch panel according to claim 1, wherein a side of at least one of the cellulose film and the retardation plate is saponified, the side facing to the polarizing film.

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9. A process for producing the touch panel according to
claim 1, comprising a step of in-line bonding a cellulose film,
a polarizing film, and an retardation plate.

5 10. A display unit comprising the touch panel according
to claim 1.

11. A display unit produced by the process according to
claim 9.

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